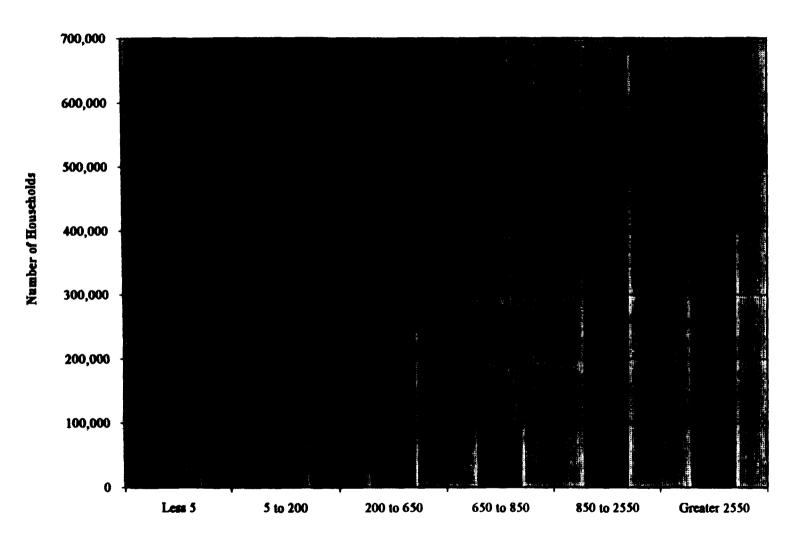
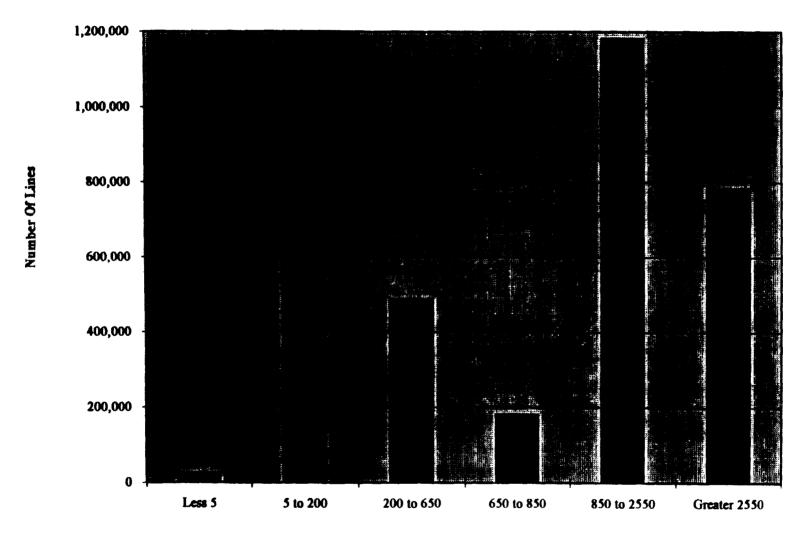


Washington Household Distribution By Loop Length

Washington Household Distribution By Density Group



Density in Households Per Square Mile



Density in Total Lines Per Square Mile

Benchmark Cost Model 2 Results

State: West Virginia

Date: 7/1/96

Time: 2:30:26 PM

Aggregate Support		ARMIS
At \$20 =	\$	214,204,707
At \$30 ==	\$	145,860,342
At \$40 =	S	96,501,875
At \$50 =	\$	58,452,265
At \$60 =	\$	32,634 ,28 6
A1 \$70 =	\$	18,612,758
At \$80 =	\$	10,007,871
Annual Benchmark Cost =	S	540,654,763
State Average Monthly Cost=	\$	41.91

Density	Households	Lines
Less 5	547	661
5 to 200	410,661	565,97 1
200 to 650	87,784	146,942
650 to 850	21,330	35,629
850 to 2550	115,626	215,545
Greater 2550	52,779	110,295
Total	688,727	1,075,043

	ARMIS
Cont Consons	Households
Cost Category	Tellesoles
\$0<=\$ 5	•
\$5<=\$10	•
\$10<=\$15	2,369
\$15<=\$20	30,780
\$20<=\$25	87,068
\$25<=\$30	85,829
\$30<=\$35	74,241
\$35<=\$40	56,827
\$40<=\$45	30,425
\$45<=\$50	47,684
\$50<=\$55	59,791
\$55<=\$60	57,502
\$ 60< =\$ 65	43,150
\$65<=\$70	22,409
\$ 70<= \$ 75	18,443
\$75<=\$100	57,348
\$100<=\$150	14,212
\$150<=\$200	577
\$200<=\$250	72
\$250<=\$300	-
\$300<=\$500	
\$500<=\$1000	•
\$1000+	-
Total Households	688,727

Loop Category	Rousebelds
0 <= 5Kft	60,948
5KA <= 10KA	116,008
10 KA ← 15KA	94,803
15 KA ← 20KA	70,665
20 KA ← 25 KA	71,741
25 K ft ← 30 K ft	64,442
30KA <= 40KA	94,224
40KA <= 50KA	55,247
50 K A <= 60 K A	35,664
60 K A <=70 K A	15,360
70KA <= 80KA	6,829
80KA <= 90KA	1,710
90KA <= 100KA	1,086
100KA <=150KA	•
150KA <= 200KA	•
200Ktf+	•

Maximum Monthly Cost	\$207.95
Average Monthly Cost	\$41.91
Lines Above \$10K Loop Inv	87

Loop Information	Length	
Minimum Loop Length	758	
Maximum Loop Length	97,782	
Average Loop Length	21,474	

Benchmark Cost Model 2 Results

State:

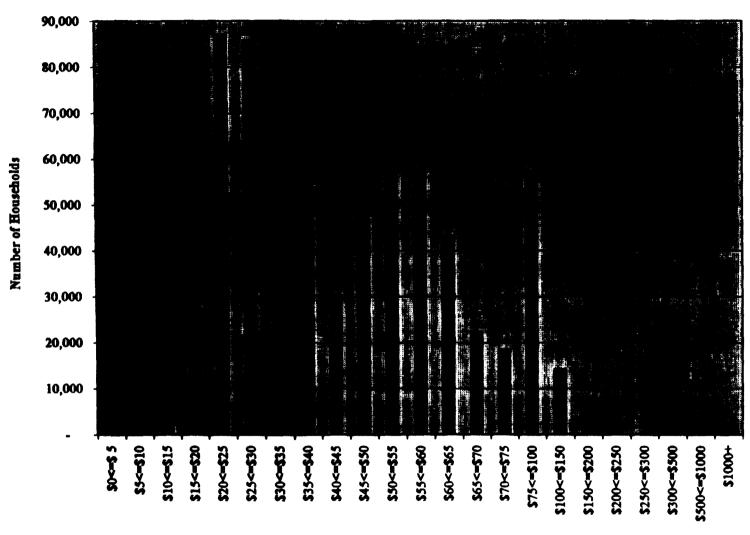
West Virginia

Date: 7/1/96

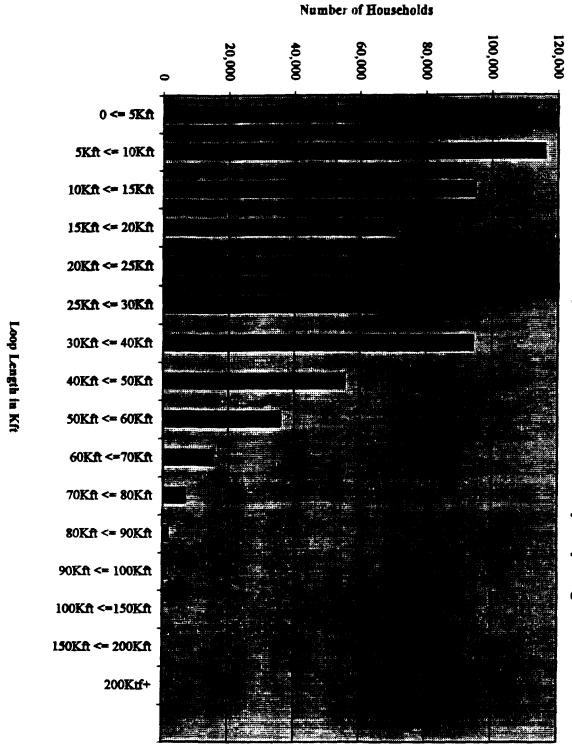
Time: 2:30:26 PM

Density	Summary Results	Weighted
Less 5	Sum of # Households	547
	Sum of # Lines	661
	Average of Loop Length	67,337
	Average of Loop \$ per Line	\$4,664
	Average of Total Investment \$/Ln	\$4,899
	Average of Monthly Cost1	\$104.57
5 to 200	Sum of # Households	410,661
j	Sum of # Lines	565,971
i	Average of Loop Length	32,482
S	Average of Loop \$ per Line	\$2,319
	Average of Total Invstmnt S/Ln	\$2,478
	Average of Monthly Cost1	\$57.14
200 to 650	Sum of # Households	87,784
	Sum of # Lines	146,942
	Average of Loop Length	13,315
	Average of Loop \$ per Line	\$914
	Average of Total Investment \$/Ln	\$1,043
	Average of Monthly Cost1	\$29.06
650 to 850	Sum of # Households	21,330
	Sum of # Lines	35,629
	Average of Loop Length	10,251
	Average of Loop \$ per Line	\$847
	Average of Total Invstmnt \$/Ln	\$970
	Average of Monthly Cost1	\$27.55
850 to 2550	Sum of # Households	115,626
	Sum of # Lines	215,545
	Average of Loop Length	7,771
	Average of Loop \$ per Line	\$632
	Average of Total Invstmnt \$/Ln	\$753
	Average of Monthly Cost1	\$23.26
Greater 2550	Sum of # Households	52,779
	Sum of # Lines	110,295
	Average of Loop Length	5,986
	Average of Loop \$ per Line	\$550
	Average of Total Invstmnt \$/Ln	\$668
	Average of Monthly Cost l	\$21.55

West Virginia Household Distribution By Residential Service Monthly Cost

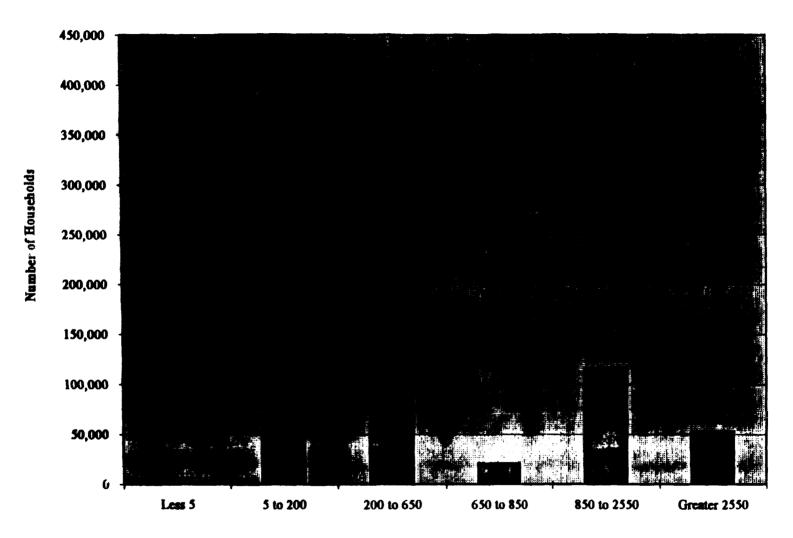


Monthly Cost Using ARMIS Factor



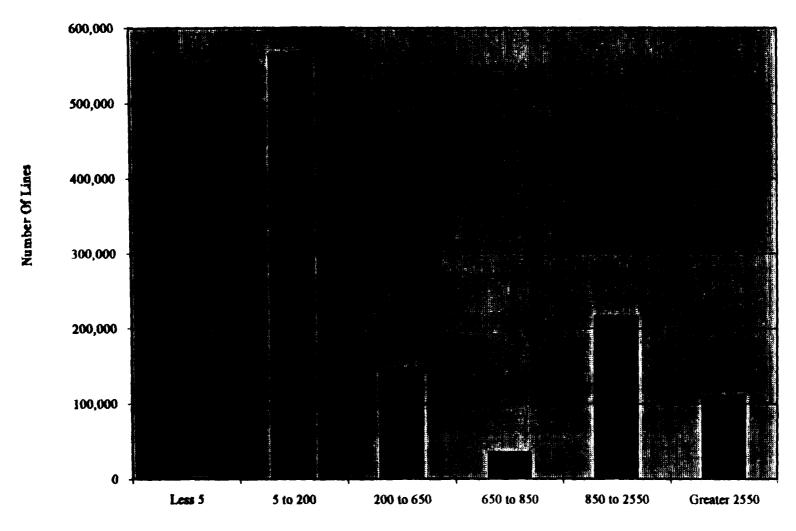
West Virginia Household Distribution By Loop Length

West Virginia Household Distribution By Density Group



Density in Households Per Square Mile

West Virginia Total Lines Distribution By Density Group



Density in Total Lines Per Square Mile

State: Wisconsin

Date: 7/1/96

Time: 2:30:23 PM

Aggregate Support		ARMIS
At \$20	- \$	343,209,320
At \$30	= \$	187,460,233
At \$40	- \$	107,453,929
At \$50	- \$	55,616,346
At \$60	- S	25,120,591
At \$70 :	- \$	11,993,923
At \$80 :	= \$	6,188,005
Annual Benchmark Cost	- \$	1,249,482,017
State Average Monthly Cost	- \$	32.6 6

Density	Households	Lines
Less 5	3,744	5,234
5 to 200	661,587	1,035,934
200 to 650	233,599	430,45
650 to 850	60,373	128, 1 i
850 to 2550	464,412	859, 35
Greater 2550	400,537	729,356
Total	1,824,252	3,188,444

	ARMIS
Cost Category	Households
\$0<=\$ 5	•
\$ 5<= \$ 10	•
\$10<=\$15	8,366
\$15<=\$20	144,723
\$20<=\$25	366,379
\$25<=\$30	391,165
\$ 30< =\$ 35	271,583
\$35<=\$40	131,423
\$40<=\$45	76,859
\$45<=\$50	85,416
\$50<=\$55	93,566
\$55< =\$ 60	93,758
\$60<=\$65	55,401
\$ 65<= \$ 70	34,022
\$ 70<= \$ 75	24,508
\$ 75<= \$ 100	38,874
\$100<=\$150	7,479
\$150<=\$200	522
\$200<=\$250	208
\$250<=\$300	•
\$300<=\$500	•
\$500<=\$1000	•
\$1000+	•
Total Households	1,824,252

Loop Category	Households
0 <= 5KA	192,481
5KA <= 10KA	448,840
10 KA ← 15KA	383,538
15 KA ← 20KA	253,276
20 K	172,861
25 KA ← 30KA	123,504
30KA <= 40KA	145,599
40 KA <= 50KA	70,382
50KA <= 60KA	20,491
60 K ft <=70 K ft	8,368
70Kft <= 80Kft	2,154
80KA <= 90KA	2,026
90KA <= 100KA	473
100KA <=150KA	259
150 Kft <= 200Kft	•
200Ktf+	•

\$229.06
\$32.66
111

Loop Information	Length
Minimum Loop Length	794
Maximum Loop Length	119,339
Average Loop Length	15,770

Benchmark Cost Model 2 Results

State:

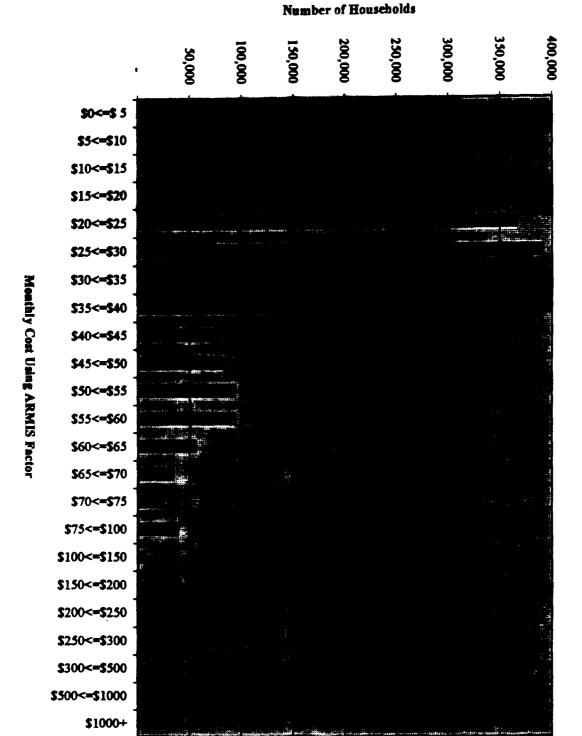
Wisconsin

Date: 7/1/96

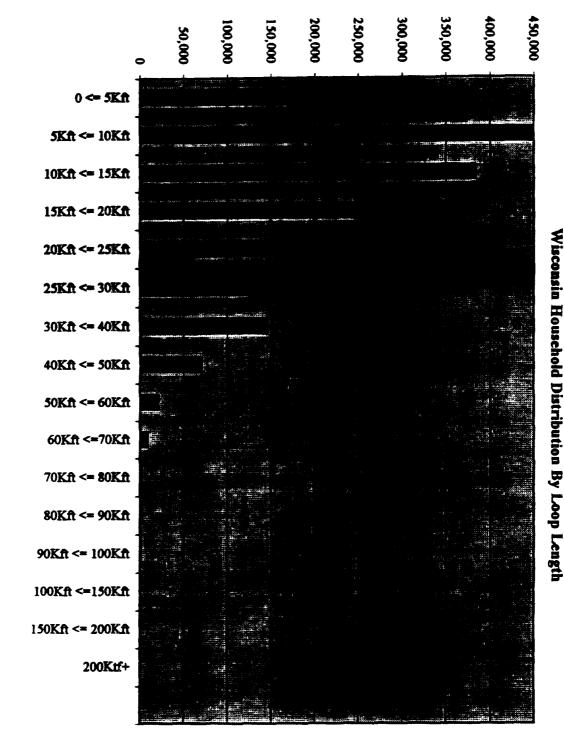
Time: 2:30:23 PM

Density	Summary Results	Weighted
Less 5	Sum of # Households	3,744
	Sum of # Lines	5,234
	Average of Loop Length	63,292
	Average of Loop \$ per Line	\$4,605
	Average of Total Investment \$/Ln	\$4,982
	Average of Monthly Cost1	\$106.43
5 to 200	Sum of # Households	661,587
	Sum of # Lines	1,035,934
	Average of Loop Length	26,623
	Average of Loop \$ per Line	\$1,850
	Average of Total Invstmnt \$/Ln	\$2,047
_	Average of Monthly Cost1	\$48.82
200 to 650	Sum of # Households	233,599
l	Sum of # Lines	430,456
1	Average of Loop Length	14,183
	Average of Loop \$ per Line	\$839
	Average of Total Investment S/Ln	\$964
	Average of Monthly Cost1	\$27.53
650 to 850	Sum of # Households	60,373
	Sum of # Lines	128,110
	Average of Loop Length	12,275
	Average of Loop \$ per Line	\$740
	Average of Total Invstmnt \$/Ln	\$854
	Average of Monthly Cost 1	\$25.30
850 to 2550	Sum of # Households	464,412
	Sum of # Lines	859,354
	Average of Loop Length	10,487
	Average of Loop \$ per Line	\$684
	Average of Total Invstmnt \$/Ln	\$794
	Average of Monthly Cost l	\$24.10
Greater 2550	Sum of # Households	400,537
	Sum of # Lines	729,356
	Average of Loop Length	7,789
	Average of Loop \$ per Line	\$666
	Average of Total Invstmnt \$/Ln	\$770
	Average of Monthly Cost1	\$23.56

4.48



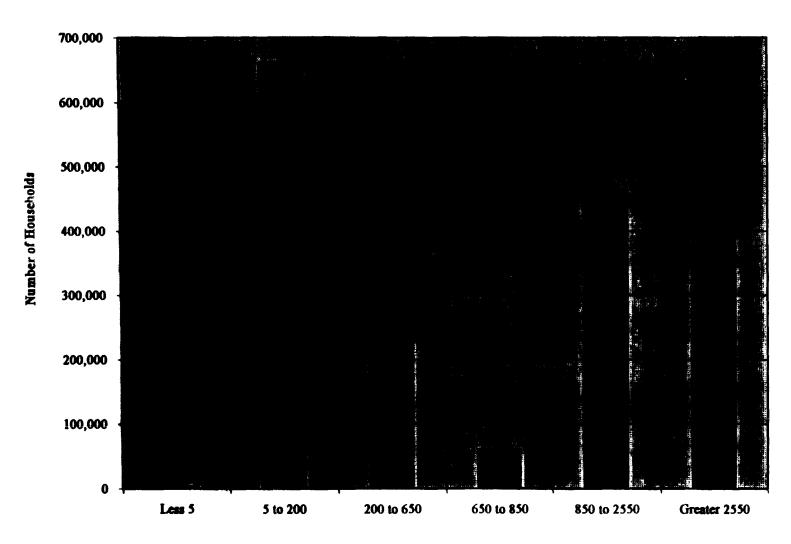
Wisconsin Household Distribution By Residential Service Monthly Cost



Number of Households

Loop Length in Kft

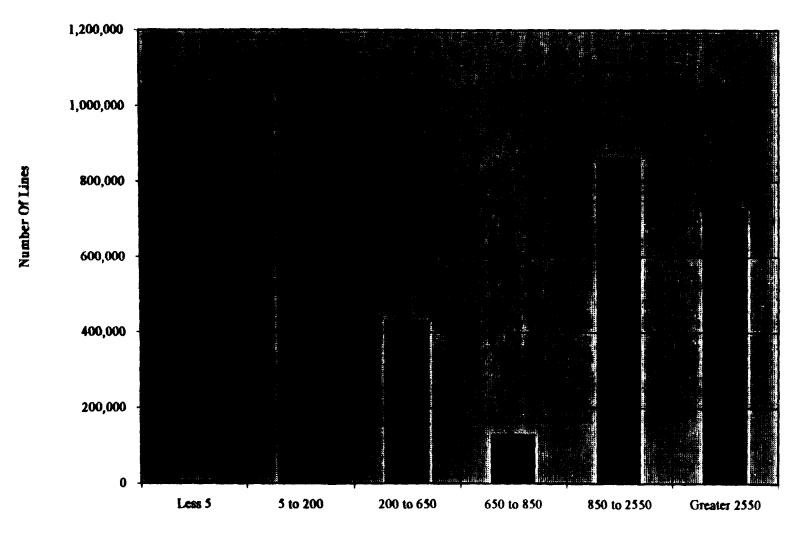
Wisconsin Household Distribution By Density Group



Density in Households Per Square Mile

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Wisconsin Total Lines Distribution By Density Group



Density in Total Lines Per Square Mile

State: Wyoming

Date: 7/1/96

Time: 2:30:29 PM

Aggregate Support		ARMIS
	At \$20 =	\$ 50,296,542
	At \$30 =	\$ 3 5,529,65 6
	At \$40 =	\$ 27,1 8 3, 7 34
	At \$50 =	\$ 21,369,498
	At \$60 =	\$ 17,280,187
	At \$70 =	\$ 14,270,788
	At \$80 =	\$ 11,872,330
Annual Benchma	rk Cost =	\$ 144,865,969
State Average Mont	hly Cost=	\$ 40.73

Density	Households	Lines
Less 5	16,795	26,824
5 to 200	60,072	101,72 s
200 to 650	25,539	44,577
650 to 850	3,187	6,379
850 to 2550	52,915	96,471
Greater 2550	10, 8 01	20,448
Total	169,309	296,427

	ARMIS
Cost Category	Households
\$0<=\$ 5	•
\$5<=\$10	•
\$10<=\$15	1,152
\$15<=\$20	14,792
\$20<=\$25	30,161
\$25<=\$30	32,401
\$30<=\$35	24,553
\$35< =\$ 40	6,960
\$40<=\$45	11,684
\$45<=\$5 0	6,557
\$50<=\$55	6,797
\$55<=\$ 60	6,281
\$60<=\$65	2,915
\$ 65< =\$ 70	2,114
\$70<=\$75	3,092
\$75<=\$100	6,877
\$100<=\$150	7,630
\$150<=\$200	2,102
\$200<=\$250	3,170
\$250<=\$300	63
\$300<=\$500	•
\$500<=\$1000	8
\$1000+	•
Total Households	169,309

Loop Category	Households
0 <= 5Kit	21,320
5KA ← 10KA	32,233
10KA ← 15KA	24,629
15KA ← 20KA	19,405
20KA ← 25KA	17,320
25Kft <= 30Kft	10,655
30 K A <= 40 K A	14,087
40KA <= 50KA	5,358
50KA <= 60KA	6,166
60 K£ <=70K£	2,734
70KA <= 80KA	1,929
80KA <= 90KA	2,547
90KA <= 100KA	3,611
100 KA <=150KA	4,967
1 50Kft <= 200Kft	1,362
200 Ktf +	986

Maximum Monthly Cost	\$580.96
Average Monthly Cost	\$40.73
Lines Above \$10K Loop Inv	3,987

Loop Information	Length
Minimum Loop Length	1,645
Maximum Loop Length	367,627
Average Loop Length	25,755

3 | 1

State:

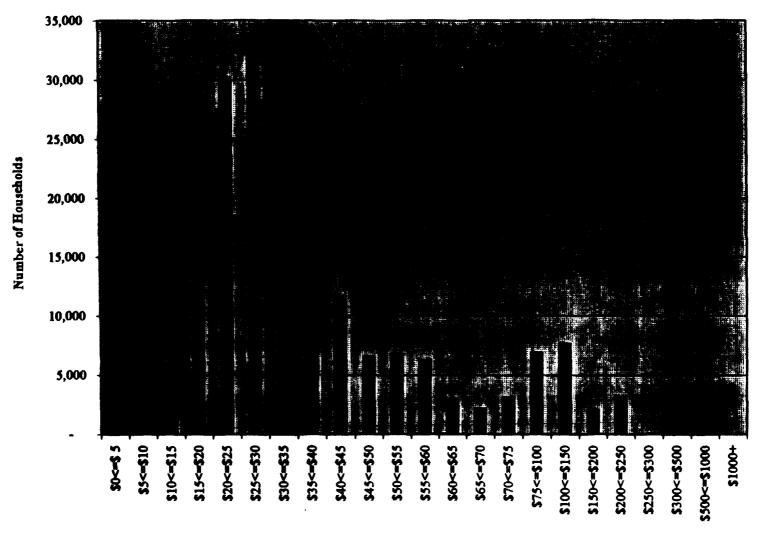
Wyoming

Date: 7/1/96

Time: 2:30:29 PM

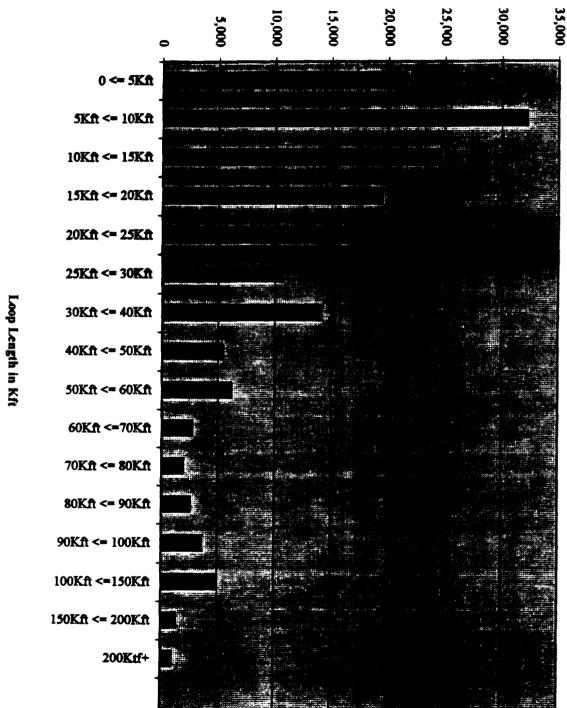
Density	Summary Results	Weighted
Less 5	Sum of # Households	16,795
1	Sum of # Lines	26,824
ĺ	Average of Loop Length	94,645
	Average of Loop \$ per Line	\$5,403
	Average of Total Invstmnt \$/Ln	\$5,807
	Average of Monthly Cost1	\$122.61
5 to 200	Sum of # Households	60,072
	Sum of # Lines	101,729
	Average of Loop Length	33,681
	Average of Loop \$ per Line	\$1,776
	Average of Total Invstmnt \$/Ln	\$1,956
	Average of Monthly Cost1	\$47.03
200 to 650	Sum of # Households	25,539
	Sum of # Lines	44,577
	Average of Loop Length	13,138
	Average of Loop \$ per Line	\$809
	Average of Total Invetment \$/Ln	\$931
	Average of Monthly Cost l	\$26.86
650 to 850	Sum of # Households	3,187
	Sum of # Lines	6,379
	Average of Loop Length	9,348
	Average of Loop \$ per Line	\$717
	Average of Total Invstmnt \$/Ln	\$838
	Average of Monthly Cost l	\$25.01
850 to 2550	Sum of # Households	52,915
	Sum of # Lines	96,471
	Average of Loop Length	9,244
	Average of Loop \$ per Line	\$611
	Average of Total Invstmnt \$/Ln	\$727
	Average of Monthly Cost l	\$22.78
Greater 2550	Sum of # Households	10,801
	Sum of # Lines	20,448
	Average of Loop Length	6,472
	Average of Loop \$ per Line	\$572
	Average of Total Invstmnt \$/Ln	\$679
	Average of Monthly Cost 1	\$21.73

Wyoming Household Distribution By Residential Service Monthly Cost



Monthly Cost Using ARMIS Factor

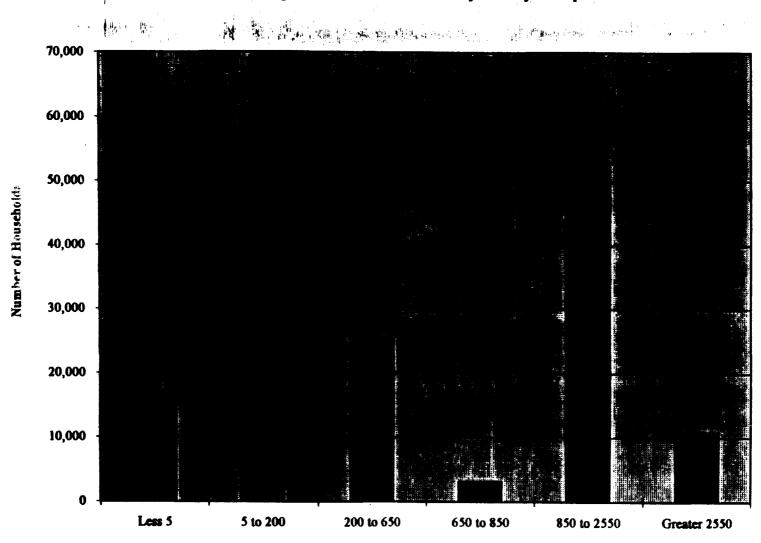
11.



Number of Households

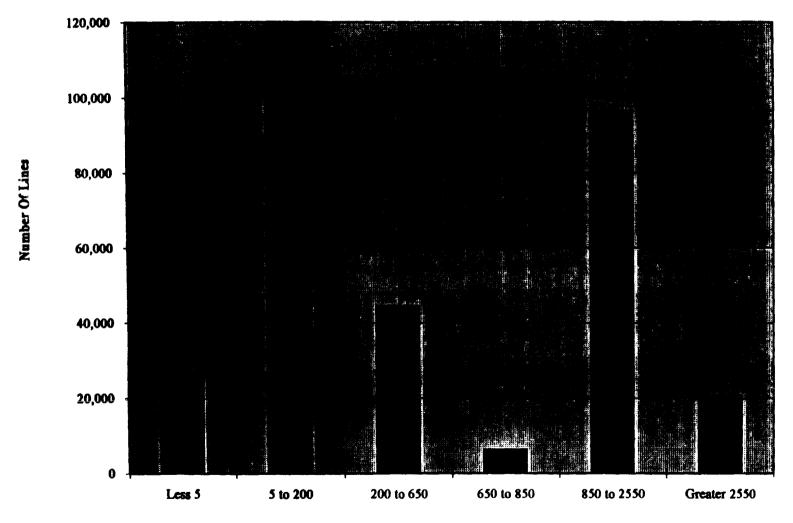
Wyoming Household Distribution By Loop Length

Wyoming Household Distribution By Density Group



Density in Households Per Square Mile

Wyoming Total Lines Distribution By Density Group



Density in Total Lines Per Square Mile